

Heavy-Duty Magnetic Stirrers

Speedsafe

HI 300N and HI 310N are heavy-duty stirrers. HI 300N can stir up to 2.5 liters (0.66 gallons) of liquid and the HI 310N can stir up to 5.0 liters (1.3 gallons). This makes them perfect for laboratory use as well as use in production. Electronic controls are incorporated into these stirrers that allow the user to regulate the speed with greater precision. In addition to speed control, a limiter will assure that the maximum speed will never be exceeded (*Speedsafe*). Often, in the lab, a sample is removed from the stirrer before reducing the speed. This would normally cause the motor to accelerate until it is destroyed. HANNA instruments' stirrers incorporate a VCO device that will stop the motor from accelerating as soon as the load is removed. In addition to these, HI 310N also has an automatic feedback feature. The motor is electronically controlled to maintain the chosen speed as the load changes. If the viscosity or the level (fluid weight) increases or decreases, the circuitry will adjust the output power to keep the speed constant.



Specifications

	HI 300N	HI 310N
Maximum Stirring Capacity	2.5 liters	5 liters
Speed Range	Min. 100 rpm Max. 800 to 1000 rpm	standard
Auto-Feedback	—	standard
Power Supply	110/115 Vac or 230/240 Vac, 50/60 Hz	
Installation Category	II	
Cover Material	AISI 316 stainless steel	
Environment	0 to 50°C (32 to 122°F); RH max 95%	
Dimensions	180 x 180 x 70 mm (7.1 x 7.1 x 2.8")	
Weight	1.4 kg (3.1 lb.)	

Accessories

HI 731320 Magnetic stir bar (10 pcs)

Ordering Information

HI 300N-1 magnetic stirrer, stainless steel cover, 100/115 Vac

HI 300N-2 magnetic stirrer, stainless steel cover, 230/240 Vac

HI 310N-1 magnetic stirrer, stainless steel cover, 100/115 Vac

HI 310N-2 magnetic stirrer, stainless steel cover, 230/240 Vac

HI 300N and HI 310N are supplied complete with micro stir bar and instructions.